

12-16-04

1200  
B

Inventor's application of:	G. Glenn Henry Thomas C. McDonald
Serial No.:	09/849754
Filed:	05/04/01
Docket:	CNTR.2062
For:	APPARATUS AND METHOD FOR SELECTING ONE OF MULTIPLE TARGET ADDRESSES STORED IN A SPECULATIVE BRANCH TARGET ADDRESS CACHE PER INSTRUCTION CACHE LINE

**INFORMATION DISCLOSURE STATEMENT  
SUBMITTED UNDER 37 CFR 1.97(D) AND 1.97 (E)(2)**

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the Examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 C.F.R. § 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b) or is available as a reference under 35 U.S.C. § 102 *et seq.* Applicant reserves the right to swear behind or otherwise disprove the alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. The information cited in the information disclosure statement was cited by the United States Patent Office in one or more applications that are related to the present application.

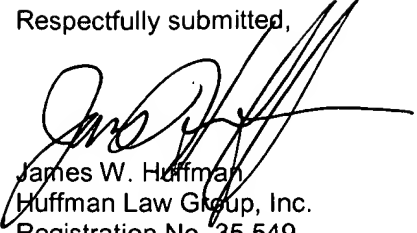
Also attached hereto is a check in the amount of **\$180.00** for the fee set forth in § 1.17(p).

12/20/2004 WABDELRI 00000071 09849754

01 FC:1806

180.00 DP

Respectfully submitted,



James W. Huffman  
Huffman Law Group, Inc.  
Registration No. 35,549  
1832 N. Cascade Ave.  
Colorado Springs, CO 80907  
719.475.7103  
719.623.0141 fax  
jim@huffmanlaw.net

Date: 12-10-04

"EXPRESS MAIL" mailing label number EO00340070\$US  
Date of Deposit 12-18-04. I hereby certify that this  
paper is being deposited with the U.S. Postal Service Express Mail  
Post Office to Addressee Service under 37 C.F.R. §1.10 on the  
date shown above and is addressed to the U.S. Commissioner of  
Patents and Trademarks, Washington, D.C., 20231.  
By: William J. Day

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/849754
Filing Date	05/04/01
First Named Inventor	G. Glenn Henry Thomas C. McDonald
Group Art Unit	2183
Examiner Name	Shane Gerstl
Attorney Docket Number	CNTR.2062

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
	AA	5142634		Fite et al	08/25/1992	
	AB	5163140		Stiles et al	11/10/1992	
	AC	5355459		Matsuo et al	10/11/1994	
	AD	5530825		Black et al	06/25/1996	
	AE	5850543		Shiell et al	12/15/1998	
	AF	5867701		Brown et al	02/02/1999	
	AG	5948100		Hsu et al	09/07/1999	
	AH	5964868		Gochman et al	10/12/1999	
	AI	5974543		Hilgendorf et al	10/26/1999	
	AJ	6044459		Bae et al	03/28/2000	
	AK	6088793		Liu et al	07/11/2000	
	AL	6108773		Col et al	08/22/2000	
	AM	6151671		D'Sa et al	11/21/2000	
	AN	6314514		Thomas C. McDonald	11/6/2001	
	AO	6502185		Keller	12/31/2002	
	AP	6601161		Rappoport et al	07/29/2003	

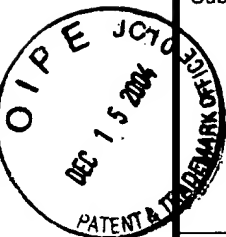
Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/849754
				Filing Date	05/04/01
				First Named Inventor	G. Glenn Henry Thomas C. McDonald
				Group Art Unit	2183
				Examiner Name	Shane Gerstl
Sheet	2	of	2	Attorney Docket Number	CNTR.2062

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	BA	SAKAMOTO ET AL; <u>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</u> ; pp. 208-216; IEEE 1996; Mitsubishi Electric Corp., System LSI Laboratory, 4-1 Mizuhara, Itami, Hyogo 664, Japan.		
	BB	YEH ET AL; <u>ALTERNATIVE IMPLEMENTATION OF TWO-LEVEL ADAPTIVE BRANCH PREDICTION</u> ; 19 <sup>TH</sup> Annual International Symposium on Computer Architecture, pp. 124-134, May 19-21, 1992, Gold Coast, Australia.		
	BC	CHANG ET AL; <u>ALTERNATIVE IMPLEMENTATIONS OF HYBRID BRANCH PREDICTORS</u> ; Proceedings of MICRO-28, 1995, IEEE.		
	BD	MC FARLING, SCOTT; <u>WRL TECHNICAL NOTE TN-36, "Combining Branch Predictors</u> , June 1993, Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301		
	BE	IEEE 100; <u>THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS</u> ; Seventh Edition, IEEE, Standards Information Network, IEEE Press,		
	BF	BRAY ET AL; <u>STRATEGIES FOR BRANCH TARGET BUFFERS</u> ; Technical Report No. CSL-TR-91-480, June 1991.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.